From Ioana Niculescu

Comparison between Hall A and C beam energy measurements in 1999

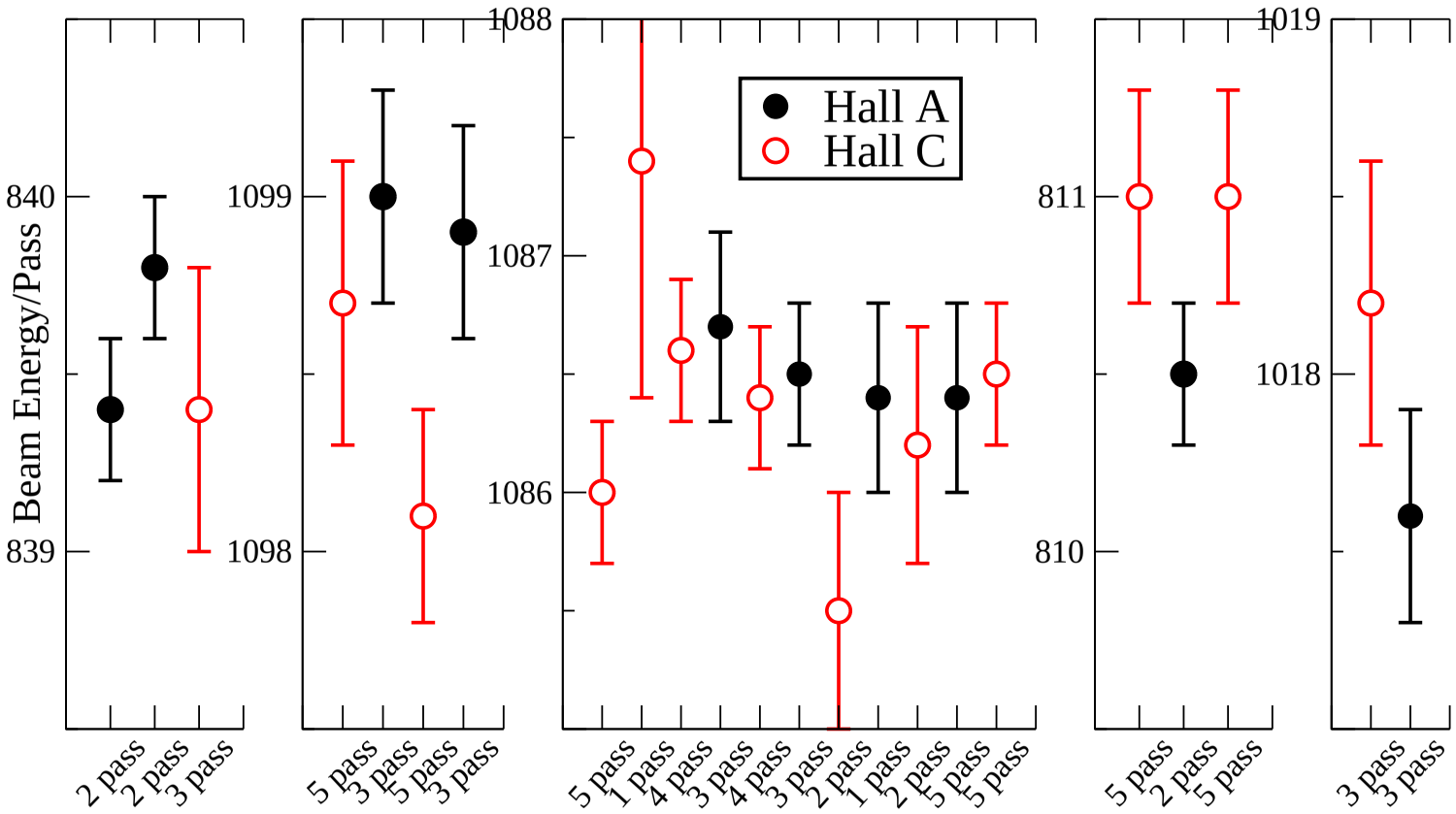

Table comparing Hall A and C beam energy measurements in 1999

Dates	Beam Energy/Pass		
	Hall A	Hall C	(A - C)/C
2/05 - 3/01	839.6±0.2	839.4±0.4	2.3×10^{-4}
4/12 - 5/27	1099.0±0.3	1098.4±0.3	5.5×10^{-4}
7/27 - 8/07	1086.5±0.3	1086.4±0.3	0.9×10^{-4}
8/12 - 8/19	810.5±0.2	811.0±0.3	-6.2×10^{-4}
8/20 - 10/25	1017.6±0.3	1018.2±0.4	-5.9×10^{-4}

Summary of Status

- Most recent comparison of Hall A and C energy measurements during RSS.
  - Hall C measured 1138.29 $\pm$ 0.4 GeV /pass
  - Hall A measured 1138.37 $\pm$ 0.2 GeV /pass
  - So (A-C)/C = 0.7 x 10^{-4}
- MCC has taken over doing Hall C energy measurement. Last attempt during Gzero, the procedure and hardware work but unable to have more than 0.5μA of dispersive tuned beam without tripping ion chambers. Need another attempt to prove that MCC can sucessfully complete the Hall C energy measurement.